

## Product datasheet for MC212803

### Tbpl2 (NM\_199059) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tbpl2 (NM_199059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbpl2
Synonyms:	Gm348; Trf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212803 representing NM_199059 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGGGCTCTCTCATCATGGAGGAGGACATATACCTGGACCTCTTCTGGATCCTTATACCATCCAGG  
ATGACTTTCTCCAGCTATGTCTCAACTGTTTCAGCCCAGGAGTGCCTTTAGACATGCACTCACTTCCATC  
TAATCCAGAGACTGTGTTTCATCCACATCTTGGTGGAGTCAAAAAGGCATCCACTGACTTTTCATCTGTG  
GATCTAAGCTTCTTACCAGATGAACTTACCCAAGAAAATAGAGACAAACTGTCCTGGAACAAGCTGG  
CAAGTGAGGAAAGCTGTAGGACTCGAGATCGACAAAGTCAGTTGCAGTTGCCGATGAACATGGCAGTGA  
GCTGAACCTGAATAGCAACAGTTCACCAGATCCCCAGTCATGCCTGTGCTTTGATGATGCTCACTCCAAC  
CAGCCCTCTCCAGAAACACCAAACTCCAATGCCTTACCTGTGGCATTGATAGCATCCATGATGCCAATGA  
ACCCTGTTCCAGGATTTTCTGGAATTGTGCCTCAATTACAGAATGTAGTTTCCACTGCAAACTCTGGCCTG  
TAAATTGGATCTGAGAAAAATAGCCCTGAATGCCAAAAACACAGAATATAACCCAAAGAGGTTTGTCTGCA  
GTAATAATGAGGATCCGAGAGCCAAGGACAACAGCTCTCATCTTTAGCTCTGGGAAAGTGGTCTGTACAG  
GAGCCAAAAGTGAAGAGGAGTCTCGGCTGGCAGCGAGAAAGTATGCTCGTGTGGTGCAGAAGCTCGGGTT  
CCCTGTGAGATTCTTCAATTTTAAAAATTCAGAACATGGTTGGAAGCTGTGATGTGAAATTTCCCATCAGG  
CTGGAGATTTTGGCACTAACCCATCGGCAGTTTCAGTAGCAGTTATGAACCTGAACCTTTCCCGGCCTTA  
TTTATAAGATGGTAAACACAGGTTGTGTTGCTAATCTTTGCATCTGGAAAAGTTGTGTTAACAGGTGC  
CAAAGAGCGTTCTGAGATCTATGAAGCATTGAAAACATGTATCCTATTCTAGAAAGTTTAAAGAAAGTC  
TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_199059
<b>Insert Size:</b>	1053 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_199059.2</a> , <a href="#">NP_951014.1</a>
<b>RefSeq Size:</b>	1734 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	227606
<b>UniProt ID:</b>	<a href="#">Q6SJ95</a>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	<p>Transcription factor required in complex with TAF3 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>